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TECH CENTER 1600/2900



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RAW SEQUENCE LISTING

DATE: 03/01/2002

PATENT APPLICATION: US/10/077,894

TIME: 12:45:38

Input Set : N:\Crf3\RULE60\10077894.raw

Output Set: N:\CRF3\03012002\J077894.raw

1 <110> APPLICANT: Bartlett, Richard J.
 2 Rando, Thomas A.
 3 <120> TITLE OF INVENTION: Use of Chimeric Mutational Vectors to
 4 Change Endogenous Nucleotide Sequences In Solid Tissues
 5 <130> FILE REFERENCE: PM 263768
 6 <140> CURRENT APPLICATION NUMBER: 10/077,894
 7 <141> CURRENT FILING DATE: 2002-02-20
 9 <150> PRIOR APPLICATION NUMBER: 09/576,081
 10 <151> PRIOR FILING DATE: 2000-05-20
 12 <150> PRIOR APPLICATION NUMBER: 60/135,139
 13 <151> PRIOR FILING DATE: 1999-05-21
 14 <150> PRIOR APPLICATION NUMBER: 60/174,388
 15 <151> PRIOR FILING DATE: 2000-01-05
 16 <160> NUMBER OF SEQ ID NOS: 20
 17 <170> SOFTWARE: FastSEQ for Windows Version 3.0
 19 <210> SEQ ID NO: 1
 20 <211> LENGTH: 28
 21 <212> TYPE: DNA
 22 <213> ORGANISM: Homo sapien
 23 <400> SEQUENCE: 1
 24 tgtgtgtgtt ttaggccaga cctctttg 28
 26 <210> SEQ ID NO: 2
 27 <211> LENGTH: 28
 28 <212> TYPE: DNA
 29 <213> ORGANISM: Canine
 30 <400> SEQUENCE: 2
 31 tgtgtgtgtt tcaggccaga cctctttg 28
 33 <210> SEQ ID NO: 3
 34 <211> LENGTH: 28
 35 <212> TYPE: DNA
 36 <213> ORGANISM: Homo sapien
 37 <400> SEQUENCE: 3
 38 tgtgtgtgtt tcgggccaga cctctttg 28
 40 <210> SEQ ID NO: 4
 41 <211> LENGTH: 74
 42 <212> TYPE: DNA
 43 <213> ORGANISM: Artificial Sequence
 44 <220> FEATURE:
 45 <223> OTHER INFORMATION: Chimeric Mutational Vector
 46 <400> SEQUENCE: 4
 47 tgtgtgtgtt ttaggccaga cctctttgtt ttcaaagagg ucuggcctaa aacacacaca 60
 48 cgcgcttttg cgcg 74
 50 <210> SEQ ID NO: 5

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51 <211> LENGTH: 45
52 <212> TYPE: DNA
53 <213> ORGANISM: Mouse
54 <400> SEQUENCE: 5
55      caaagttctt tgaaagagca acaaaatggc ttcaactatc tgagt      45
57 <210> SEQ ID NO: 6
58 <211> LENGTH: 45
59 <212> TYPE: DNA
60 <213> ORGANISM: Mouse
61 <400> SEQUENCE: 6
62      caaagttctt tgaaagagca ataaaatggc ttcaactatc tgagt      45
64 <210> SEQ ID NO: 7
65 <211> LENGTH: 78
66 <212> TYPE: DNA
67 <213> ORGANISM: Artificial Sequence
68 <220> FEATURE:
69 <223> OTHER INFORMATION: Chimeric Mutational Vector
70 <400> SEQUENCE: 7
71      tctttgaaag agcaacaaaa tggtttcaac ttttguugaa gccauuttgt tgcucuuuca      60
72      aagacgcgct tttgcgcg      78
74 <210> SEQ ID NO: 8
75 <211> LENGTH: 78
76 <212> TYPE: DNA
77 <213> ORGANISM: Artificial Sequence
78 <220> FEATURE:
79 <223> OTHER INFORMATION: Chimeric Mutational Vector
80 <400> SEQUENCE: 8
81      tctttgaaag agcaacaaaa tggtttcaac ttttguugaa gccauuttgt tgcucuuuca      60
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84 <210> SEQ ID NO: 9
85 <211> LENGTH: 24
86 <212> TYPE: DNA
87 <213> ORGANISM: Canine
88 <400> SEQUENCE: 9
89      atgcttttgt gggaagaagt agag      24
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93 <212> TYPE: DNA
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95 <400> SEQUENCE: 10
96      gtcactttag gtggccttgg caac      24
98 <210> SEQ ID NO: 11
99 <211> LENGTH: 27
100 <212> TYPE: DNA
101 <213> ORGANISM: canine
102 <400> SEQUENCE: 11
103      atgatgacat caagaagggtg gtgaagc      27
105 <210> SEQ ID NO: 12
106 <211> LENGTH: 26

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107 <212> TYPE: DNA	
108 <213> ORGANISM: canine	
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110 tctctcctcc tcgcgtgctc ttgctg	26
112 <210> SEQ ID NO: 13	
113 <211> LENGTH: 31	
114 <212> TYPE: DNA	
115 <213> ORGANISM: Canine	
116 <400> SEQUENCE: 13	
117 gatttggaat ataatcctcc actggcaggt c	31
119 <210> SEQ ID NO: 14	
120 <211> LENGTH: 26	
121 <212> TYPE: DNA	
122 <213> ORGANISM: Canine	
123 <400> SEQUENCE: 14	
124 agtgggtggca acatcttcag gatcaa	26
126 <210> SEQ ID NO: 15	
127 <211> LENGTH: 27	
128 <212> TYPE: DNA	
129 <213> ORGANISM: Homo Sapien	
130 <400> SEQUENCE: 15	
131 ctcggatccc aggtcaaaaa tgtaatg	27
133 <210> SEQ ID NO: 16	
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135 <212> TYPE: DNA	
136 <213> ORGANISM: Homo Sapien	
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141 <211> LENGTH: 27	
142 <212> TYPE: DNA	
143 <213> ORGANISM: Homo Sapien	
144 <400> SEQUENCE: 17	
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147 <210> SEQ ID NO: 18	
148 <211> LENGTH: 25	
149 <212> TYPE: DNA	
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151 <400> SEQUENCE: 18	
152 ggggatccca tttggaagct cctga	25
154 <210> SEQ ID NO: 19	
155 <211> LENGTH: 29	
156 <212> TYPE: DNA	
157 <213> ORGANISM: Homo Sapien	
158 <400> SEQUENCE: 19	
159 ggggatccca tagagtttta atggatctc	29
161 <210> SEQ ID NO: 20	
162 <211> LENGTH: 24	
163 <212> TYPE: DNA	

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164 <213> ORGANISM: Homo Sapien
165 <400> SEQUENCE: 20
166 gttattgctc agcggtggca gcag

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VERIFICATION SUMMARY

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